

## **WIRELESS CHANNEL ESTIMATION**

### **ABSTRACT OF THE DISCLOSURE**

A system and method are disclosed for wireless channel estimation. Estimating the characteristics of a wireless channel includes receiving a plurality of training symbols sent for the purpose of facilitating channel estimation; calculating a phase difference between at least two of the training symbols; using the calculated phase difference to coherently combine the training symbols to produce a composite training symbol; and using the composite training symbol to estimate the channel.

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